

FIG. 1

FIG. 2 is a block diagram of a system 25 for processing financial transactions.

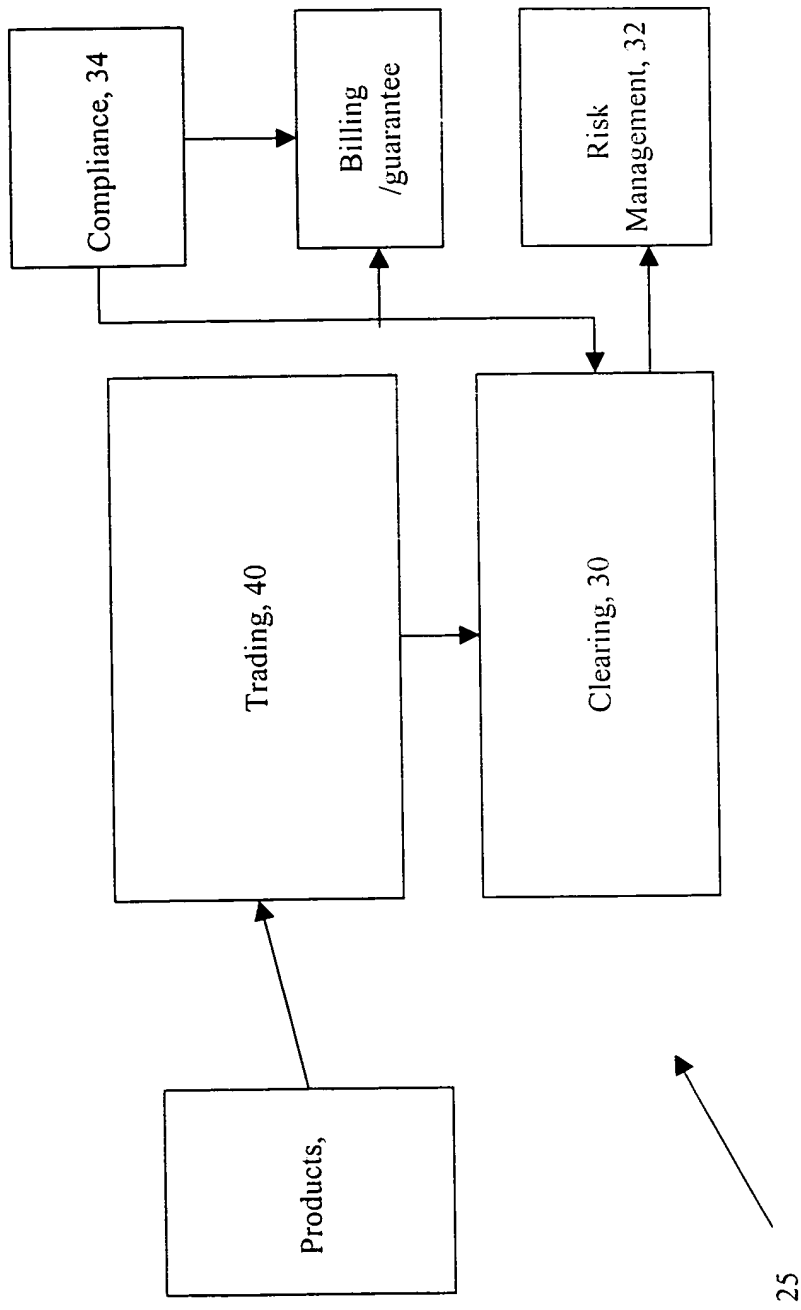
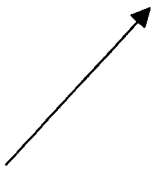


FIG. 2

FIG. 3 is a schematic diagram of a system 18 for providing a financial product to a subscriber 18c and a guarantor 18d. The system 18 includes a server 18a and a database 18b. The server 18a is connected to the database 18b and is configured to provide the financial product to the subscriber 18c and the guarantor 18d. The database 18b is configured to store data related to the financial product and the subscriber 18c and the guarantor 18d.

18



Subscriber, 18c Guarantor, 18d		
Positions, 18c		
Assets, 18b	Restrictions, 18e	
.	.	.
.	.	.
.	.	.
Constraints on trading, 18f		
.	.	.

FIG. 3

80

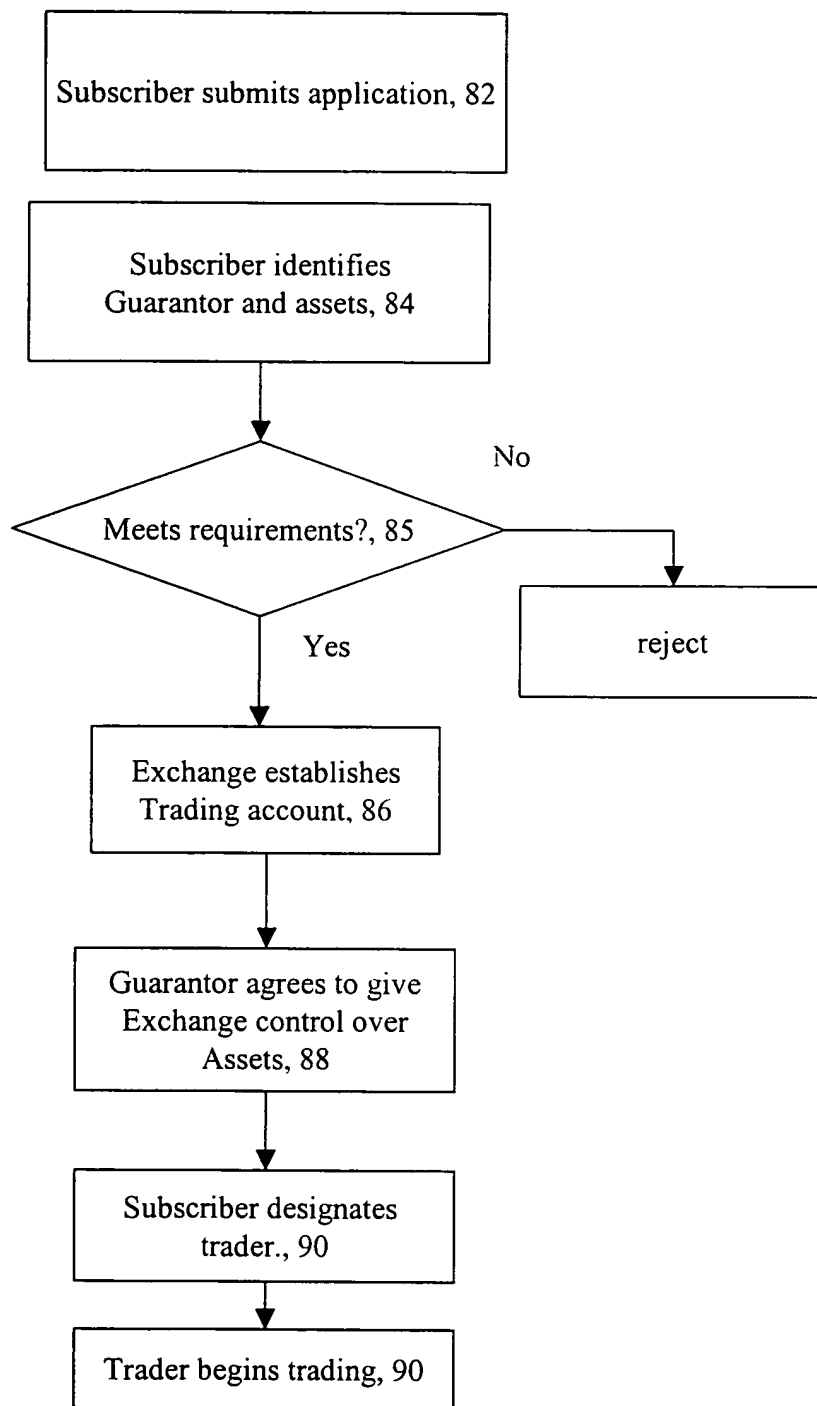
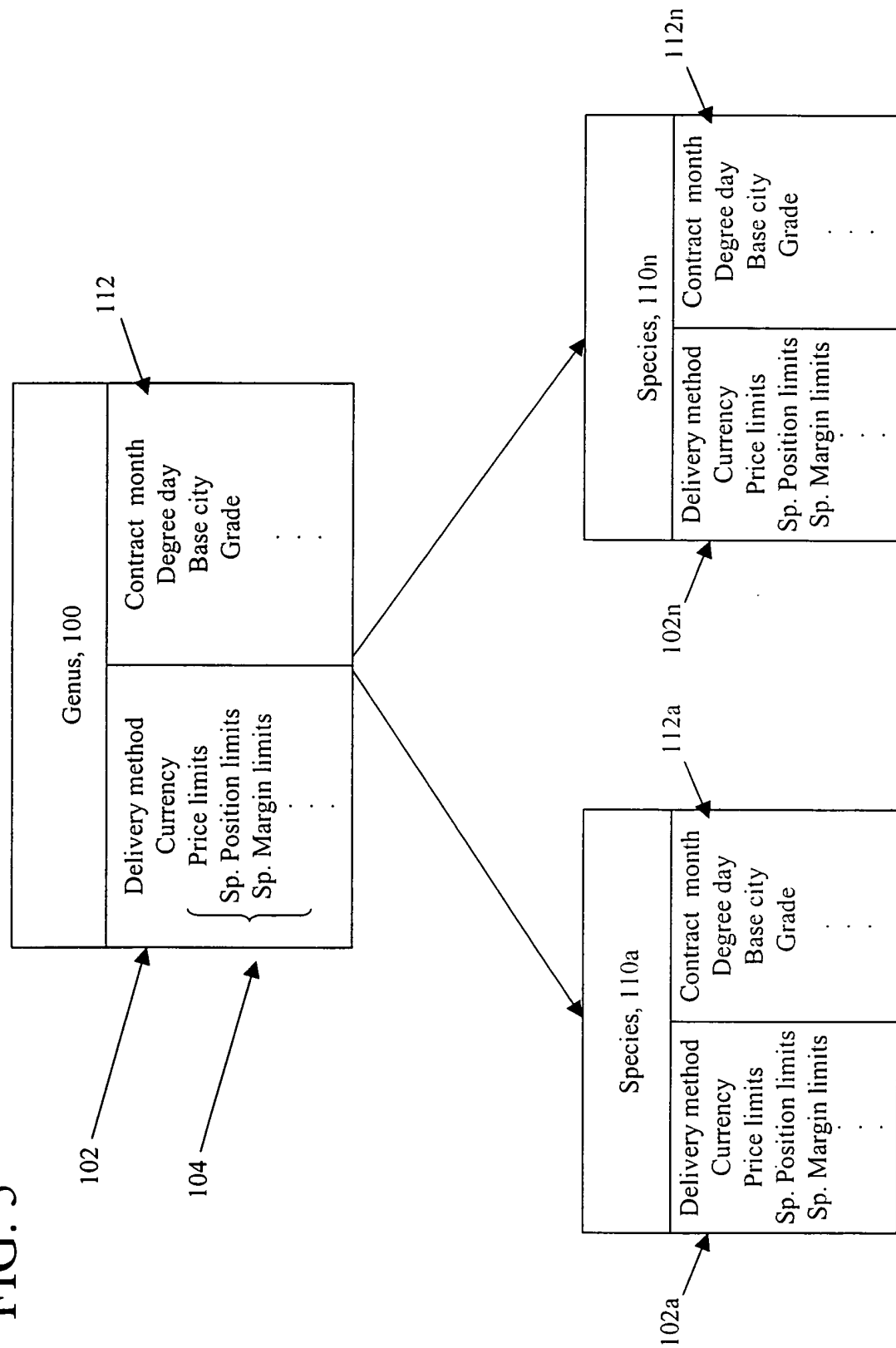


FIG. 4

FIG. 5



120

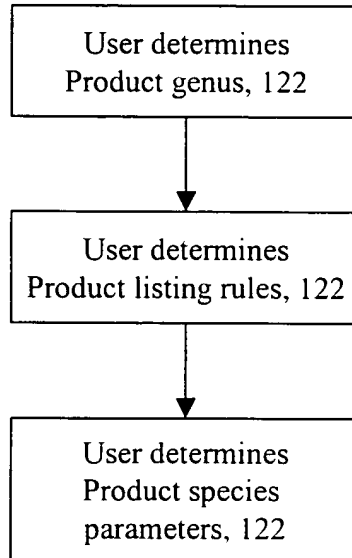
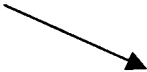


FIG. 6

Product Specs Place an Order Order Book Confirmed Trades Trade History

Place an Order

All Times in Eastern Standard Time

Price can either be a number such as .75 (75 cents), a Contract, or a Contract + or - [number]. The number can be from .000 to 999.

Examples: C = Contract, C+.01 = Contract + one cent, C-.005 = Contract - one half cent, C+1 = Contract + one dollar.

New Order

147 →

Posting Type ☒ Buy ☐ Sell

Product Benzene ▼

Product Spec ASTM ▼

144 →

Delivery Terms Any ▼

Delivery Month Jan ▼ 2000 ▼

Location Hou/Tex City ▼

Freight Terms FOB ▼

Quantity 20

Units MT ▼

Price 1.01

Units gal ▼

Comments

SUBMIT

140

FIG. 7A

Product Specs Place an Order Order Book Confirmed Trades Trade History

CONFIRM TRADING!

Please confirm the following transaction:

T	Product	Spec	Frt	Location	Qty	Price	Delivery
B	Benzene	ASTM 2359	FOB	Hou/Tex City	20 M bbl	1.01 gal	Any Dec

I Confirm

Cancel

FIG. 7B

Product Specs Place an Order **Order Book** Confirmed Trades Trade History

Order Book

	Product	Spec	Frt	Location	Qty	Price	Delivery
B	Benzene	ASTM 2359	FOB	Hou/Tex City	20 M bbl	1.01 gal	Any Dec
S	Benzene	ASTM 2359 LT	FOB	Hou/Tex City	10 M bbl	0.4500 gal	Any Dec
B	Benzene	ASTM 2359 LTLD	FOB	Hou/Tex City	10 M bbl	0.4500 gal	Any Dec
B	Benzene	ASTM 4734	FOB	Houston	10 M bbl	0.4500 gal	Any Dec
B	Benzene	ASTM zero D	FOB	Houston	20 M bbl	0.4500 gal	Any Dec
B	Benzene	BASF Spec	FOB	Hou/Tex City	20 M bbl	0.4500 gal	Any Dec
S	Benzene	Cyclo	CIF	Houston	40 M bbl	0.4500 gal	Any Dec

F-16 7C

[Product Specs](#)
[Place an Order](#)
[Order Book](#)
[Confirmed Trades](#)
[Trade History](#)

Product Specs

If these Product specification definitions do not accurately reflect the specifications needed to properly identify the products or if there are other specification definitions needed please contact onExchange.com.

Product Genre	Product Species	Frt	Location	Qty	Price	Delivery
Benzene	ASTM 2359	FOB	Hou/Tex City	10 M bbl	0.4500 gal	Any Dec
Benzene	ASTM 2359 LT	FOB	Hou/Tex City	10 M bbl	0.4500 gal	Any Dec
Benzene	ASTM 2359 LTLD	FOB	Hou/Tex City	10 M bbl	0.4500 gal	Any Dec
Benzene	ASTM 4734	FOB	Houston	10 M bbl	0.4500 gal	Any Dec
Benzene	ASTM zero D	FOB	Houston	20 M bbl	0.4500 gal	Any Dec
Benzene	BASF Spec	FOB	Hou/Tex City	20 M bbl	0.4500 gal	Any Dec
Benzene	Cyclo	CIF	Houston	40 M bbl	0.4500 gal	Any Dec
Benzene	AShell Moerdjik	CIF	Houston	40 M bbl	0.4500 gal	Any Dec
Methanol	ASTM D-1152	CIF	Houston	40 M bbl	0.4500 gal	Any Dec
Methanol	IMPCA 1996	CIF	Hou/Tex City	40 M bbl	0.4500 gal	Any Dec
Mx Xylenes	ASTM 5211	CIF	Hou/Tex City	40 M bbl	0.4500 gal	Any Dec
Mx Xylenes	ASTM 5211BF	CIF	ARA	40 M bbl	0.4500 gal	Any Dec
Mx Xylenes	ASTM 843	CIF	Houston	40 M bbl	0.4500 gal	Any Dec
Mx Xylenes	ASTM 5023	CIF	Corpu Christi	40 M bbl	0.4500 gal	Any Dec
Mx Xylenes	ASTM 1173	CIF	ARA	40 M bbl	0.4500 gal	Any Dec

F16.70

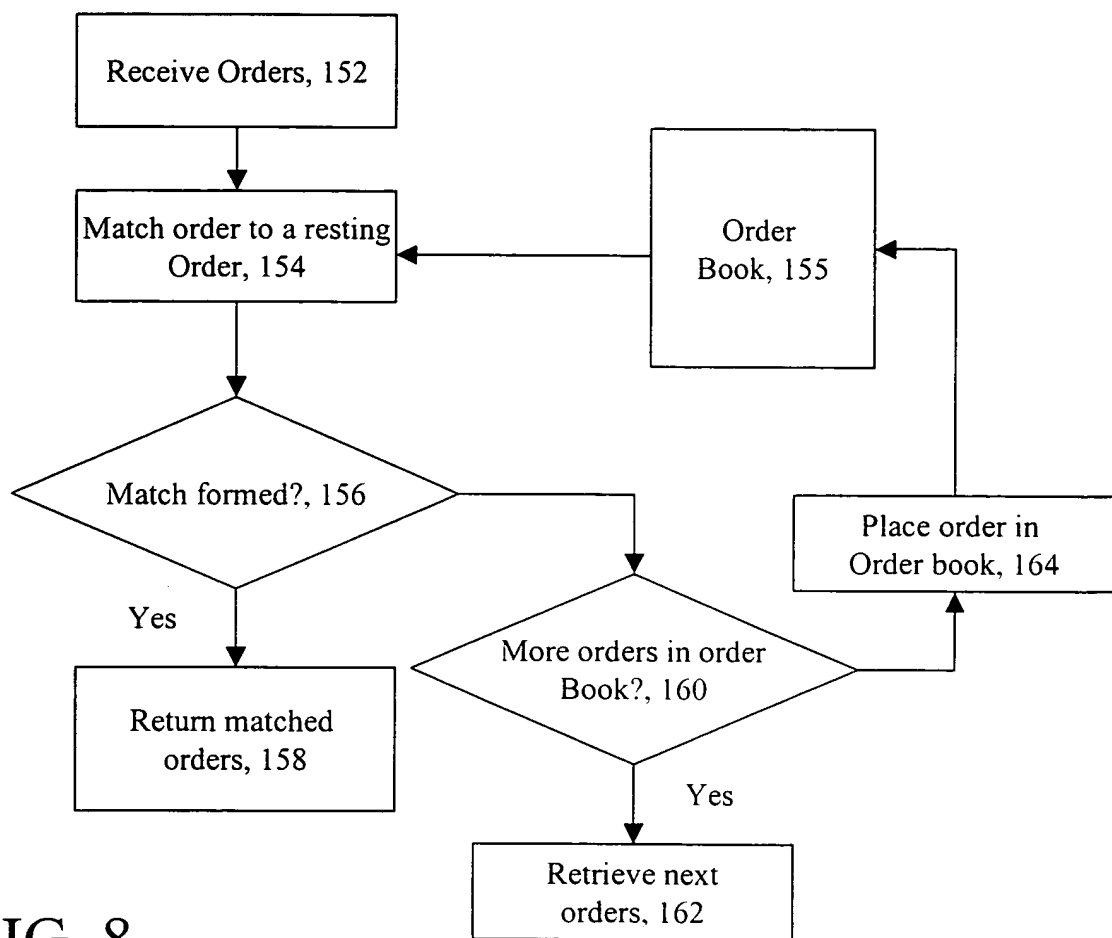


FIG. 8

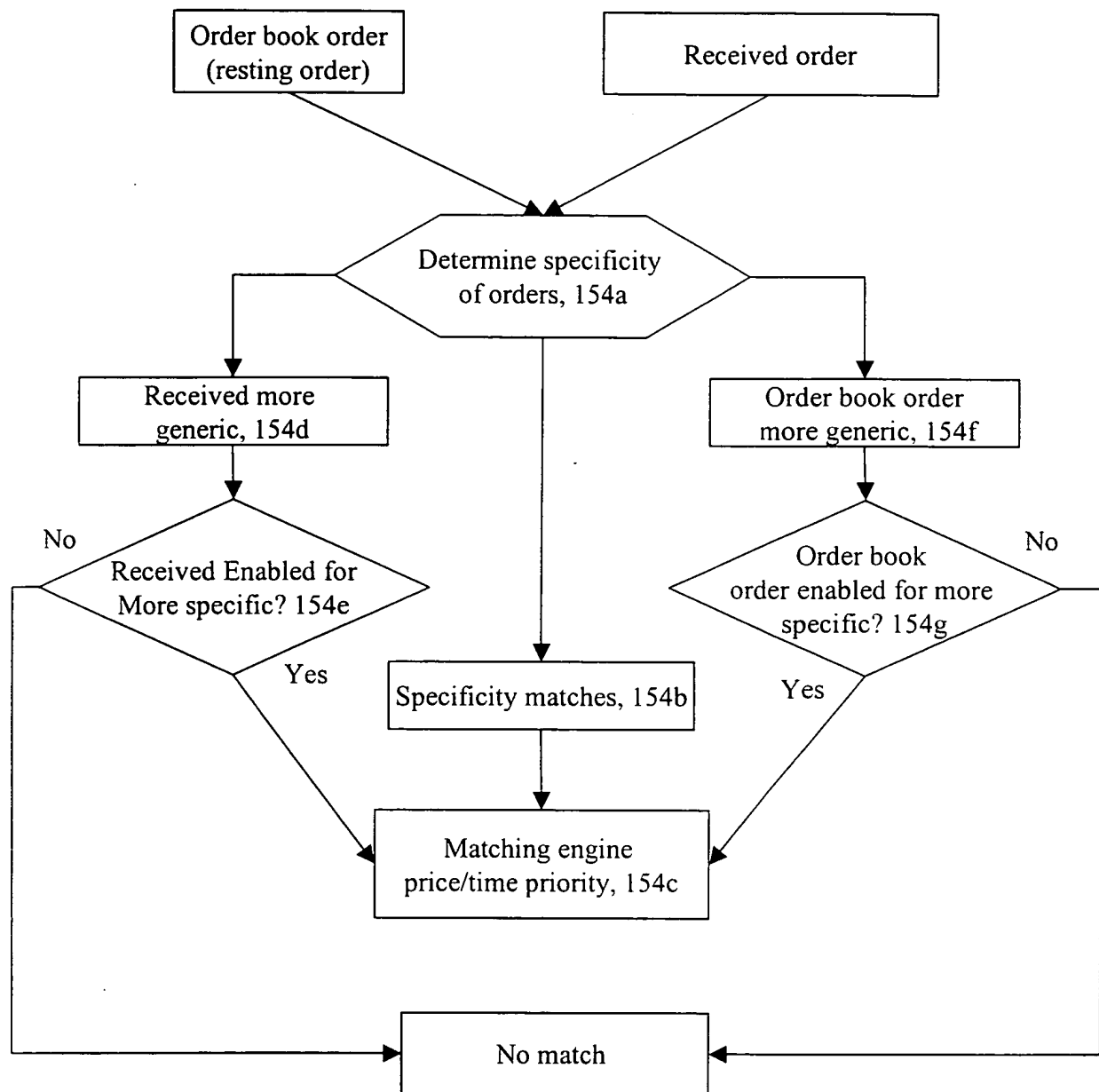


FIG. 9

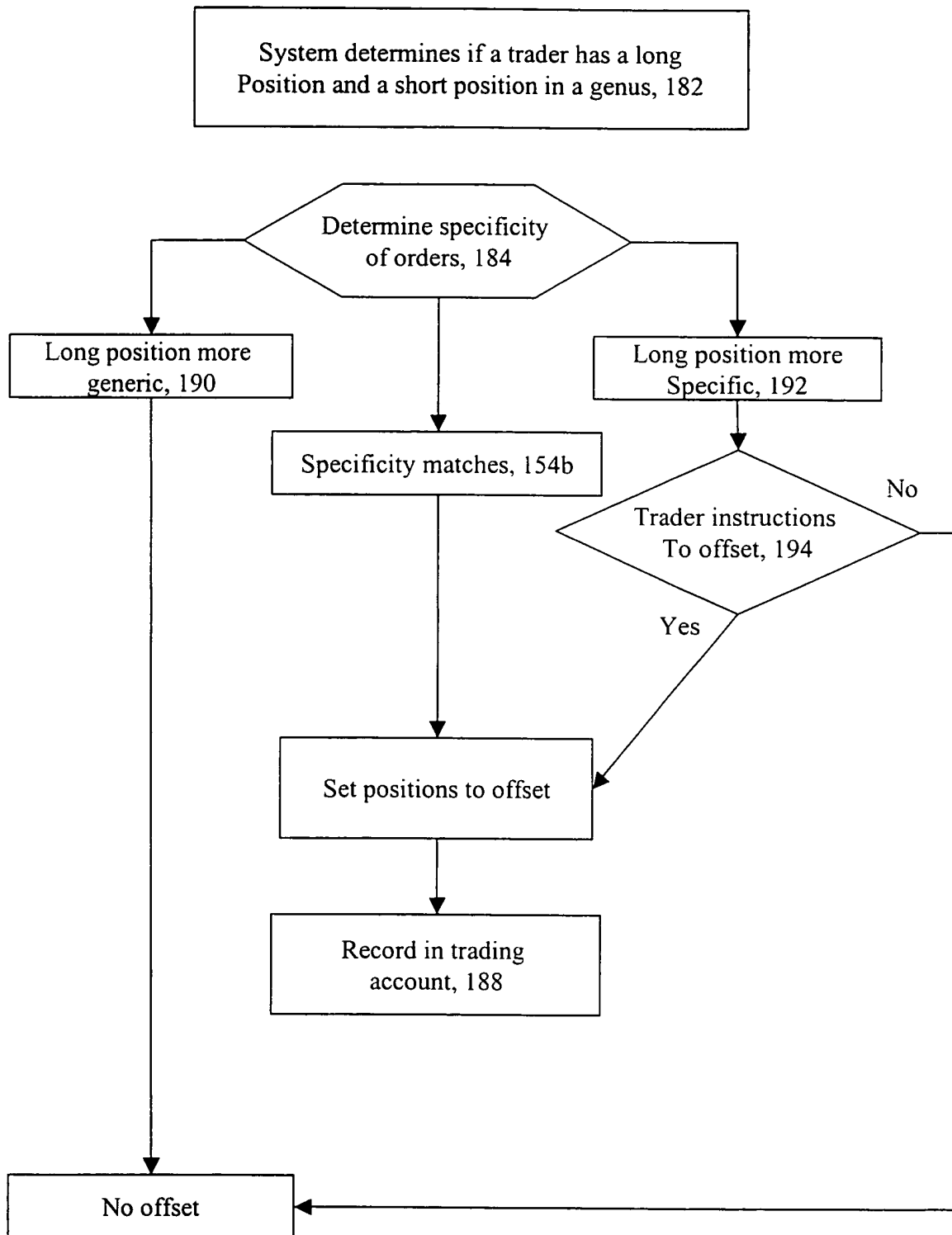


FIG. 9A

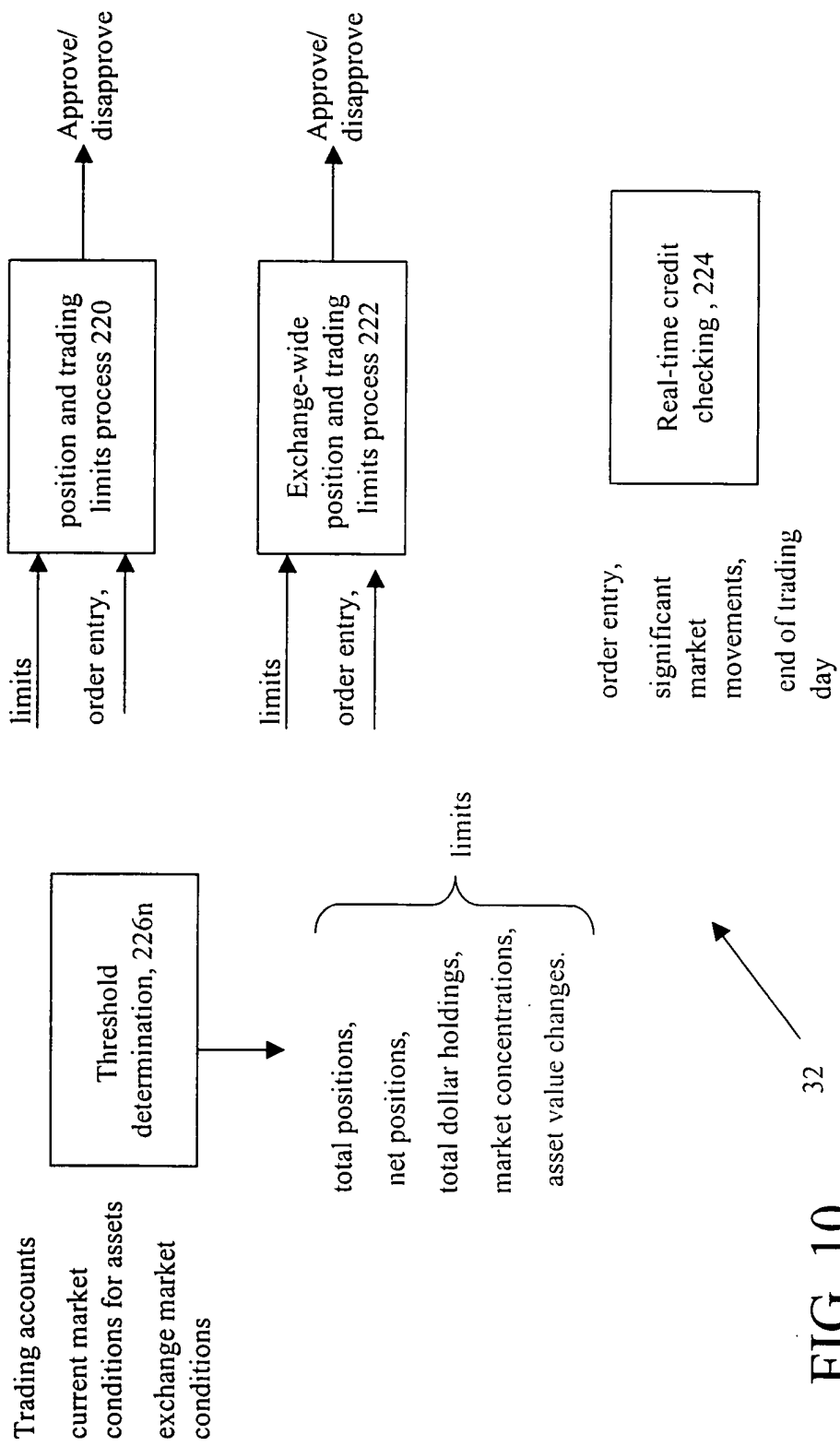
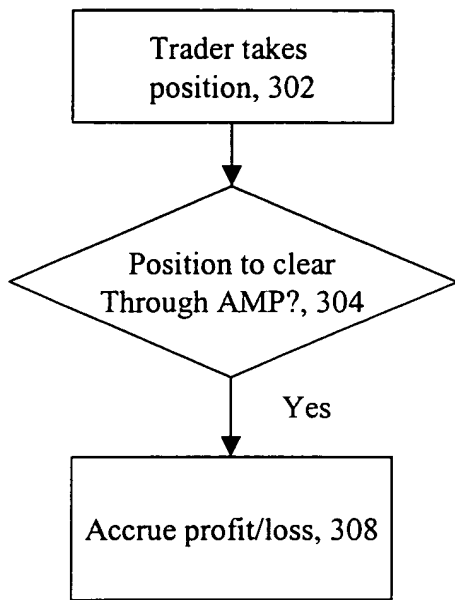


FIG. 10



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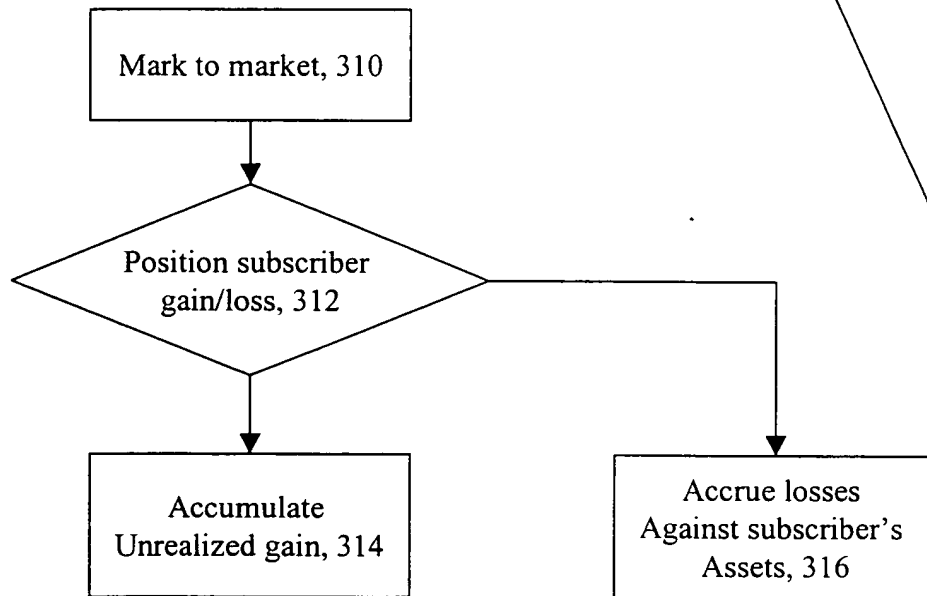
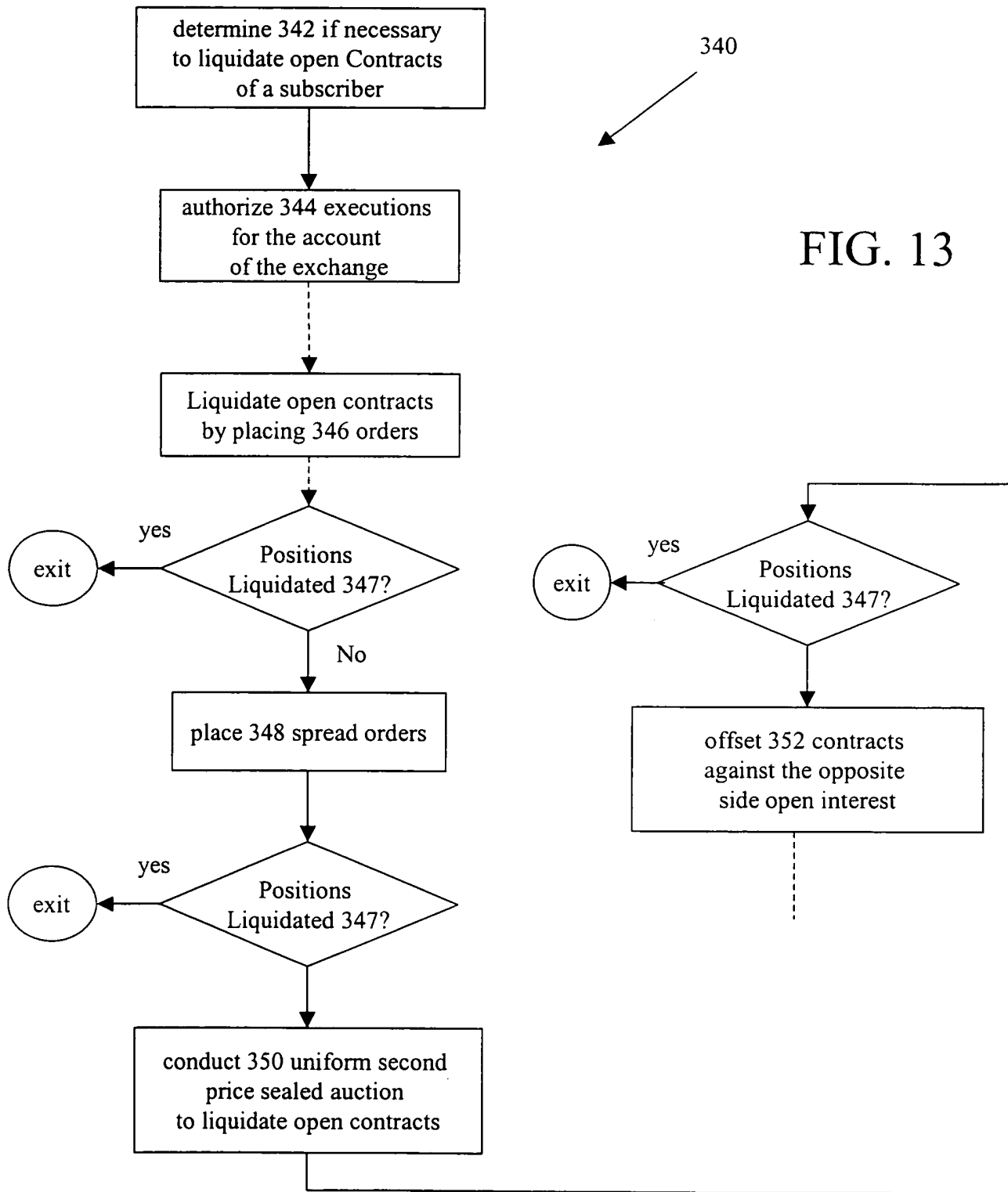


FIG. 12

FIG. 13



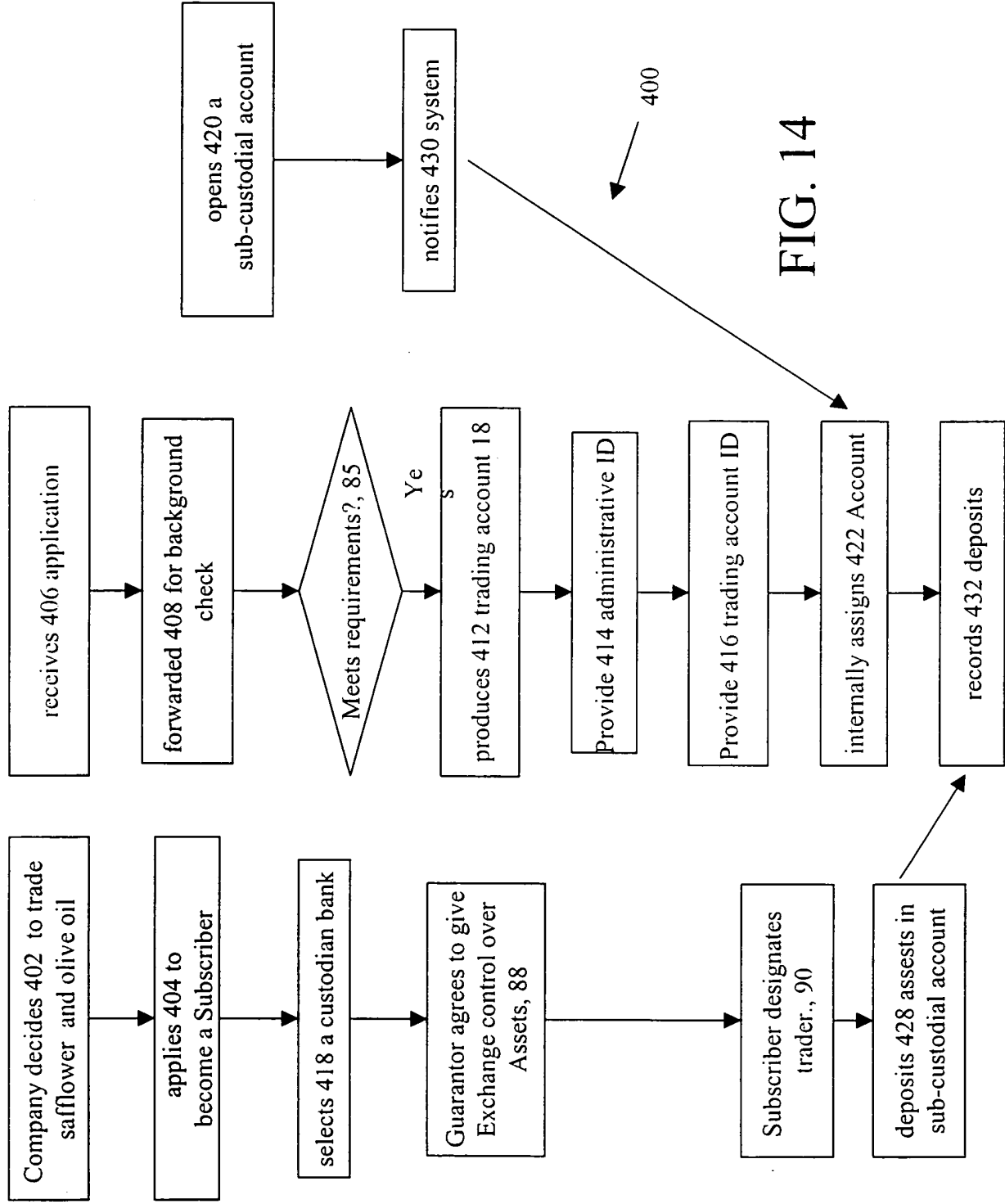


FIG. 14

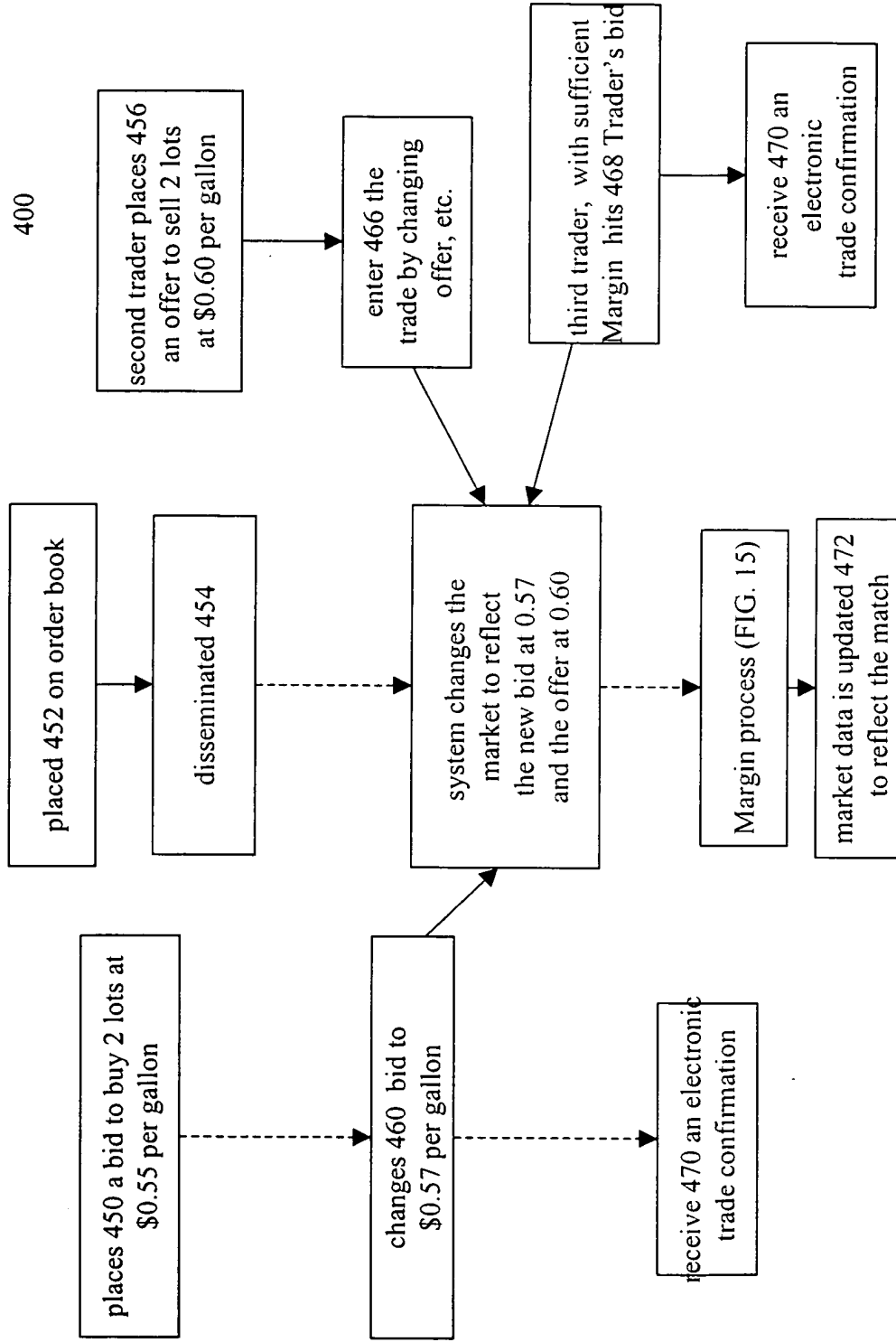
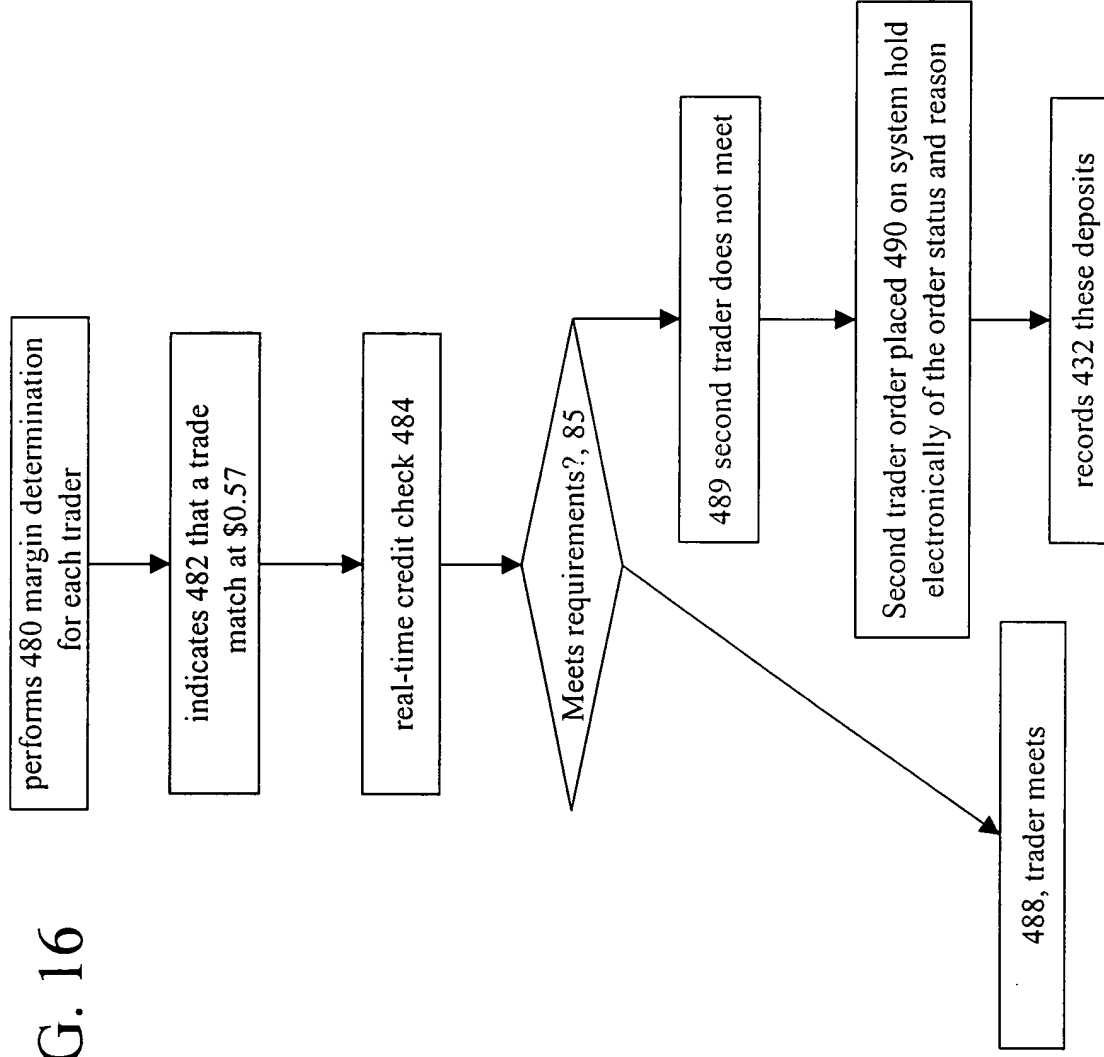


FIG. 15

FIG. 16



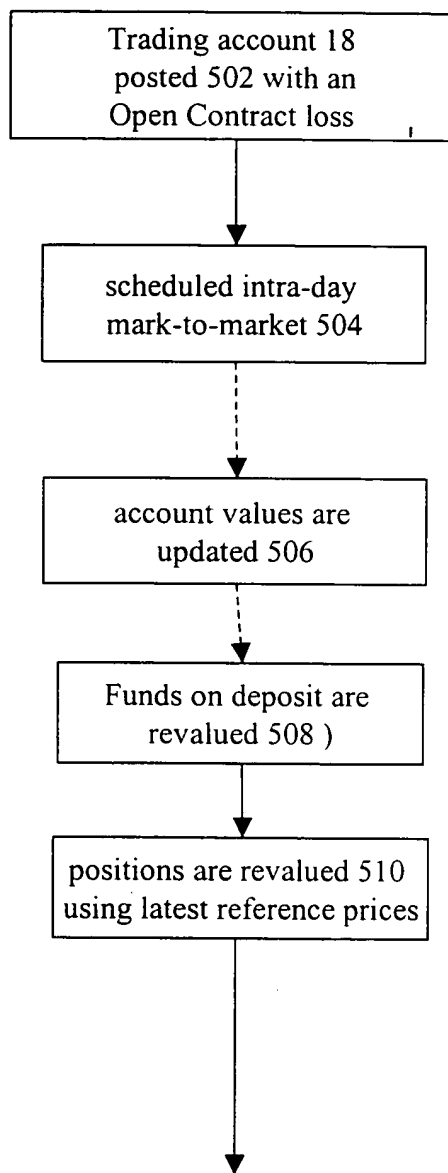


FIG. 17A

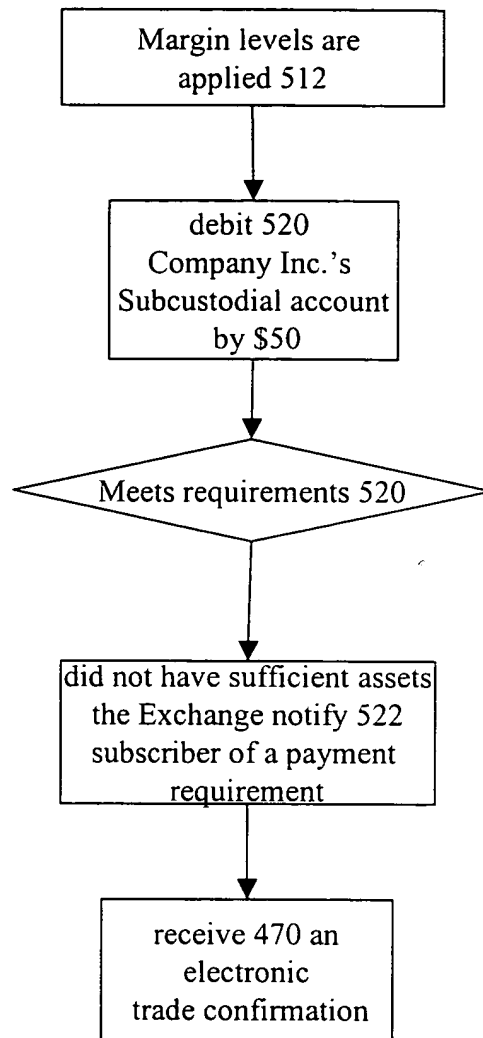
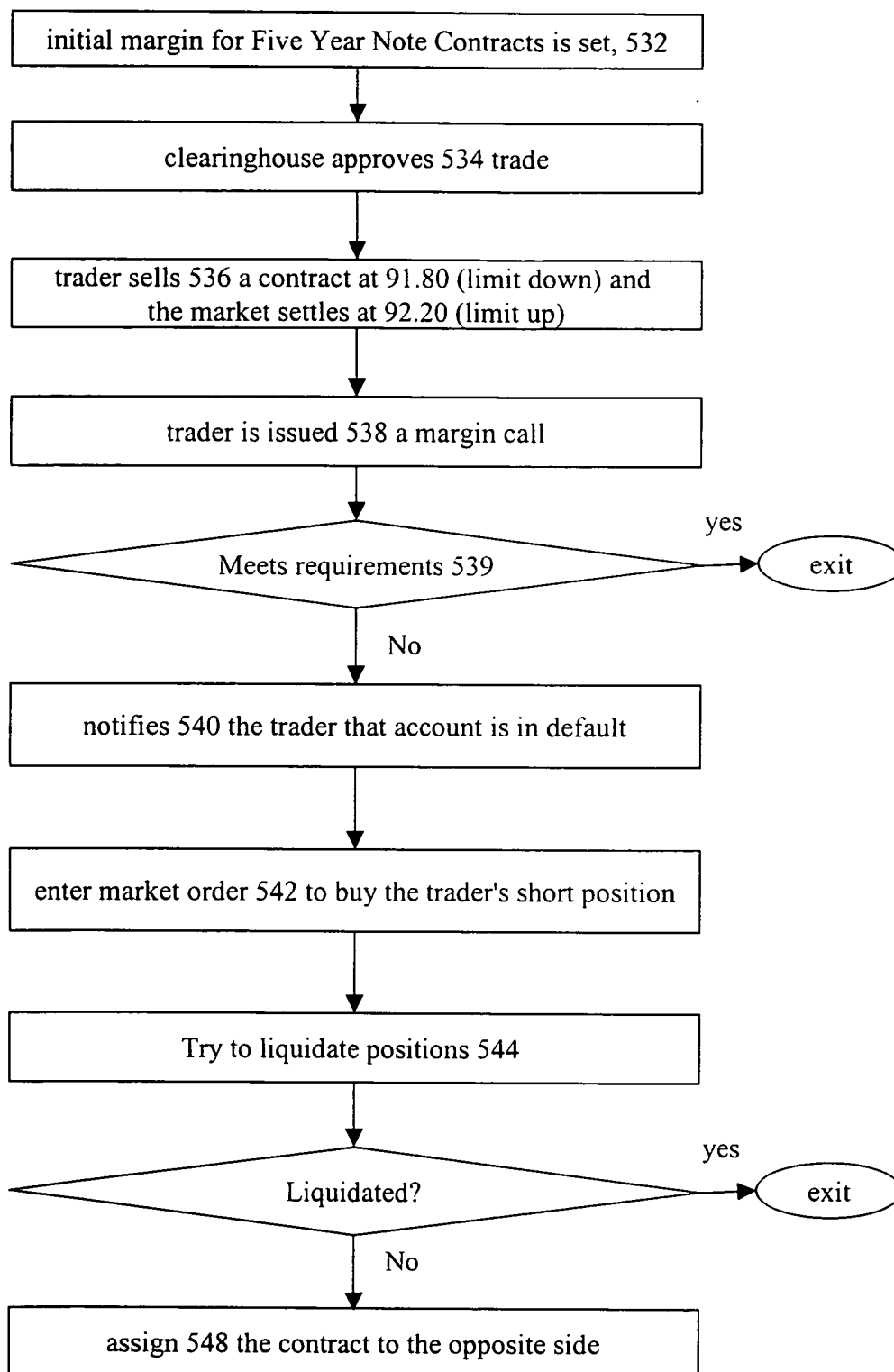


FIG. 17B

FIG. 18



an Exchange

digital

System Architecture



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Fig. 19